



# 7 2661

PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/993,908	
	Filing Date	11/06/2001	
	First Named Inventor	William J. Gordon	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	7	Attorney Docket Number	1146

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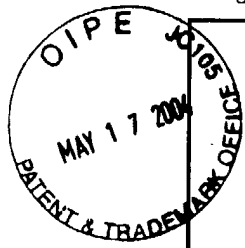
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<div>Remarks</div>		

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Firm or Individual name	Kim M. Hagemann
Signature	
Date	May 11, 2004

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Typed or printed name	Kim M. Hagemann		
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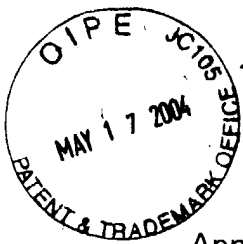
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- 3) Information Disclosure Statement by Applicant (1449)/2 Pages (1 copy)
- 4) European Search Report/3 Pages (1 copy)
- 5) 8 IDS References/A24-A31 (1 copy each)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application. No. : 09/993,308 Confirmation No. 8538  
Applicant : William J. Gordon-Kamm  
Filed : 11/06/2001  
TC/A.U. :  
Examiner :  
Docket No. : 1146  
Customer No. : 27310  
Title : Cell Cycle Nucleic Acids, Polypeptides and Uses Thereof

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UNDER 37 CFR §1.97(b)**

The attached list of citations on PTO Form 1449 is being submitted under the provisions of 37 CFR §1.56 and §1.97(b) in order to comply with the duty of disclosure. Their inclusion herein should not, however, be construed as an admission that any particular cited reference is effective prior art or that it discloses or renders obvious any aspect of the claimed invention. A copy of each cited reference is enclosed, except for those references which are already part of the filewrapper. This statement is being filed within the time period specified in 37 CFR §1.97(b). No fee is required.

Respectfully submitted,

Kim M. Hagemann  
Agent for Applicant(s)  
Registration No. 52,982

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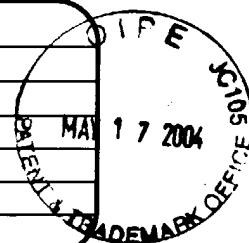
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	09/993,808
Filing Date	11/06/2001
First Named Inventor	William J. Gordon-Kamm
Art Unit	
Examiner Name	
Attorney Docket Number	1146

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US-			
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**FOREIGN PATENT DOCUMENTS**

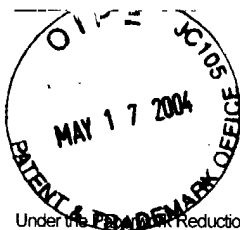
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	A24	WO 02/28893 A2	04/11/2002	Cropdesign N.V.	Whole Document	
	A25	CA 2,329,684	12/16/1999	Her Majesty in Right of Canada as Represented by the Minister of Agriculture and Agri- Food Canada, University of Saskatchewan Technologies, Inc., National Research Council of Canada	Whole Document	

Examiner Signature	Date Considered
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Sheet 2 of 2

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Application Number	09/993,808
Filing Date	11/06/2001
First Named Inventor	William J. Gordon-Kamm
Art Unit	
Examiner Name	
Attorney Docket Number	1146

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NON PATENT LITERATURE DOCUMENTS				Technology Center 2000
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
	A26	BUELL et al., NCBI Database Accession No. AC069145, Oryza sativa chromosome 10 BAC OSJNBb0094K03 genomic sequence (2000)		
	A27	BUELL et al., NCBI Database Accession No. AAG16867, Putative cyclin-dependent kinase inhibitor (2000)		
	A28	FOUNTAIN et al., Isolation of a cDNA Encoding a G1-Cyclin-Dependent Kinase Inhibitor (ICDK) from Suspension Cultured Photoautotrophic Chenopodium rubrum L. Cells (Accession No. AJ002173), Plant Gene Register PGR99-057 (1999)		
	A29	FOUNTAIN et al., NCBI Database Accession No. CFJ002173, Chenopodium rubrum G1 cyclin-dependent kinase inhibitor mRNA (1999)		
	A30	SATO et al., EMBL Database Accession No. Q9LRY0, Similarity to cyclin-dependent kinase inhibitor protein (Cyclin-dependent kinase inhibitor 5) (2000)		
	A31	Larkins et al., Investing the hows and whys of DNA endoreduplication, Journal of Experimental Botany 52(355):183-192 (2001)		

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.C1.7)
E	WO 02 28893 A (DROUAL ANNE MARIE ;FRANKARD VALERIE MARIE NOELLE (BE); INZE DIRK ( ) 11 April 2002 (2002-04-11) * the whole document * ---	1-78	C12N1/00 C07K14/415 C12N15/82
A	DATABASE NCBI 'Online! Oryzo chromosome 10, 14 October 2000 (2000-10-14) BUELL: "Oryza chromosome 10 genomic sequence" retrieved from EBI Database accession no. AC069145 XP002272978 * abstract * ---	1-78	TECHNICAL FIELDS SEARCHED (Int.C1.7)  C07K C12N
A	DATABASE NCBI 'Online! putative CDKI, 14 October 2000 (2000-10-14) BUELL: "cyclin dependent kinase inhibitor" retrieved from EBI Database accession no. AAG16867 XP002272979 * abstract * ---	1-78	
A	DATABASE PLANT GENE REGISTRY 'Online! Isolation of CDKI from Chenopodium, 1 May 1999 (1999-05-01) FOUNTAIN: "cDNA encoding a G1 cyclin dependent kinase inhibitor" retrieved from EBI Database accession no. AJ002173 XP002272980 * abstract * ---  -/--	1-78	
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			

1

EPO FORM 1503 03 82 (P34C04)

Place of search <b>MUNICH</b>	Date of completion of the search <b>10 March 2004</b>	Examiner <b>Young, C</b>
CATEGORY OF CITED DOCUMENTS		
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document		



DOCUMENTS CONSIDERED TO BE RELEVANT															
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)												
A	DATABASE NCBI 'Online! Chenopodium rubrum, 27 May 1999 (1999-05-27) FOUNTAIN: "CDKI" retrieved from EBI Database accession no. CRJ002173 XP002272981 * abstract *	1-78													
A	----- DATABASE EMBL 'Online! similar to CDKI 5, 1 October 2000 (2000-10-01) SATO: "Arabidopsis CDKI" retrieved from EBI Database accession no. Q9LRY0 XP002272982 * abstract *	1-78													
A	----- CA 2 329 684 A (NAT RES COUNCIL ;CANADA MAJESTY IN RIGHT OF (CA); UNIV SASKATCHEWA) 16 December 1999 (1999-12-16) * the whole document *	1-78													
P,X	----- LARKINS BRIAN A ET AL: "Investigating the hows and whys of DNA endoreduplication" JOURNAL OF EXPERIMENTAL BOTANY, vol. 52, no. 355, February 2001 (2001-02), pages 183-192, XP002272977 ISSN: 0022-0957 * the whole document *	1-78													
The supplementary search report has been based on the last set of claims valid and available at the start of the search.															
Place of search MUNICH		Date of completion of the search 10 March 2004	Examiner Young, C												
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1

EPO FORM 1503 03 B2 (P04C04)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 27 3633

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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10-03-2004

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0228893	A	11-04-2002	AU	7764801 A	15-04-2002
			EP	1301532 A2	16-04-2003
			WO	0228893 A2	11-04-2002
			US	2004019926 A1	29-01-2004
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CA 2329684	A	16-12-1999	CA	2235978 A1	08-12-1999
			CA	2256121 A1	08-12-1999
			CA	2329684 A1	16-12-1999
			AU	762816 B2	03-07-2003
			AU	4126999 A	30-12-1999
			CA	2272608 A1	08-12-1999
			WO	9964599 A1	16-12-1999
			EP	1086226 A1	28-03-2001
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